

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/052069 A2

(51) International Patent Classification⁷: **C09C 1/26**

(21) International Application Number:
PCT/GB2004/004506

(22) International Filing Date: 25 October 2004 (25.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0325475.2 31 October 2003 (31.10.2003) GB

(71) Applicant (for all designated States except US): **HOLLIDAY PIGMENTS LIMITED** [GB/GB]; Morley Street, Kingston Upon Hull HU8 8DN (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **THAMBY**, Subramaniam, Balasubaramaniam, Kathirgamathamby [GB/GB]; 96/98 Heaton Road, Paddock, Huddersfield, West Yorkshire HD1 4JJ (GB). **CALVERT**, David, John [GB/GB]; 1 Old Chapel Close, Long Riston, Kingston Upon Hill, East Yorkshire HU11 5LA (GB).

(74) Agent: **URQUHART-DYKES & LORD LLP**; Tower North Central, Merriam Way, Leeds LS2 8PA (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **HYBRIDISED PIGMENT**

(57) Abstract: The present invention relates to a method of making a pigment composition, comprising the step of making a pigment selected from: (i) a ferrocyanide derivative substituted with one or more cationic dye groups in the presence of a suspension of a zeolite pigment in an acidified solution; and (ii) a derivative of a complex acid selected from the group consisting of silicomolybdate, phosphomolybdate, phosphotungstate, phosphotungstomolybdate and mixtures thereof substituted with one or more cationic dye groups, in the presence of a suspension of a zeolite pigment in an acidified solution

BEST AVAILABLE COPY

WO 2005/052069 A2